

FIG. 1

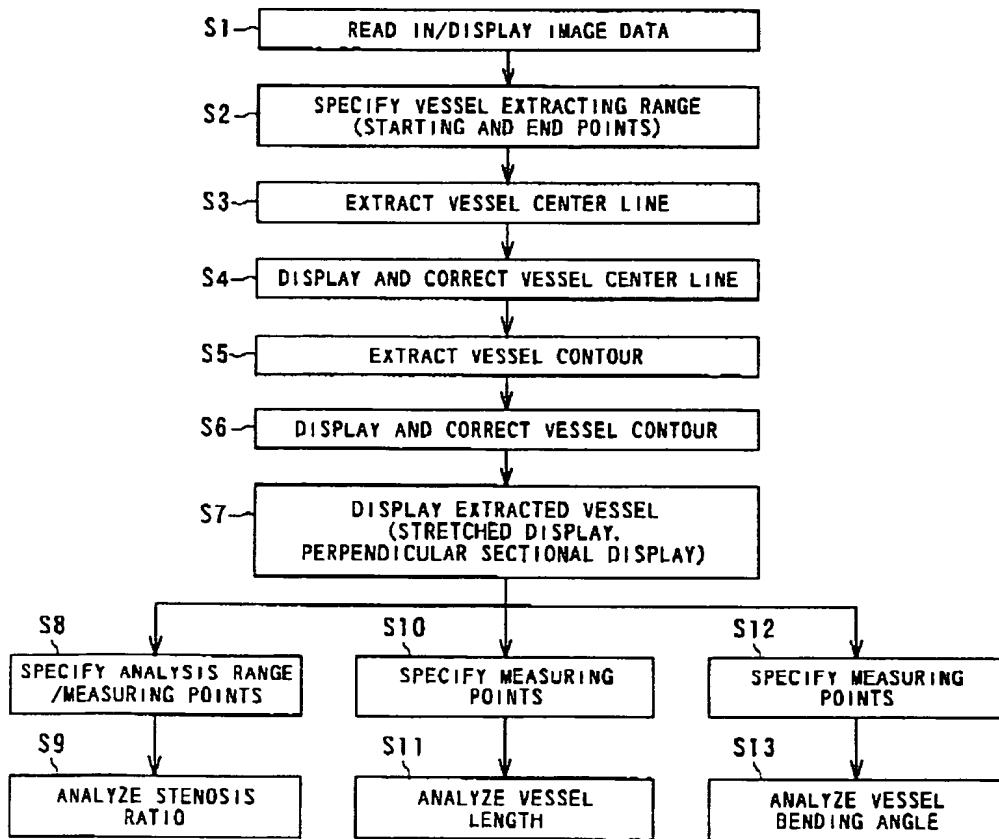
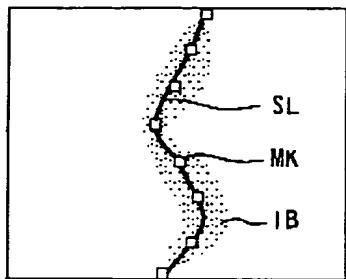


FIG. 2

FLAT REFORMATTED IMAGE



CURVED REFORMATTED IMAGE

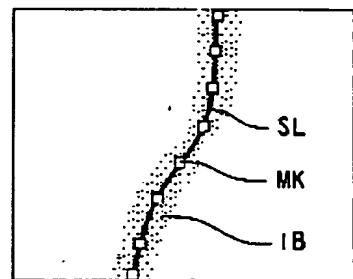


FIG. 3A

FIG. 3B

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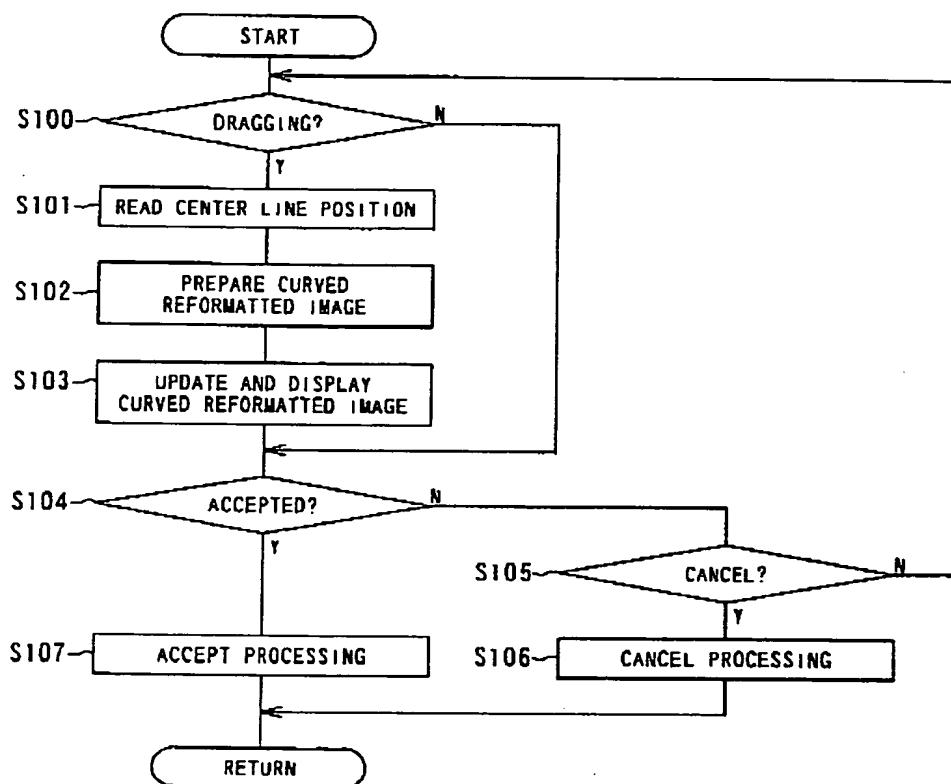


FIG. 4

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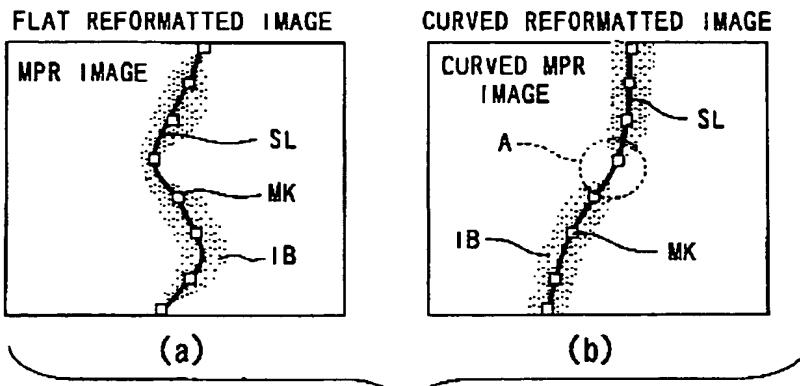


FIG. 5

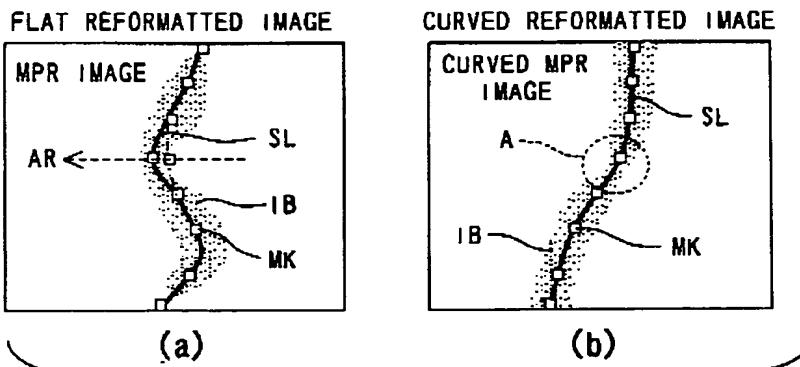


FIG. 6

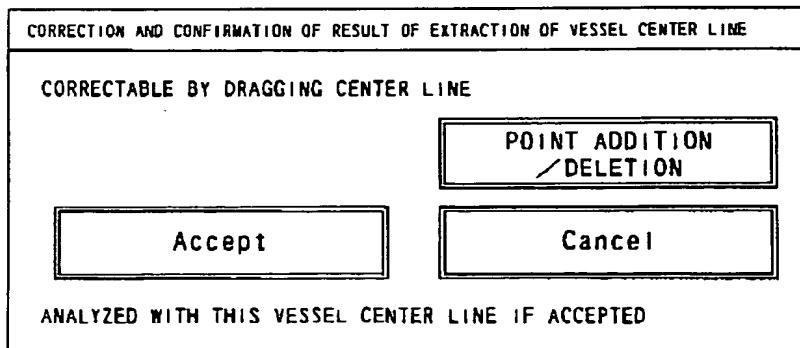
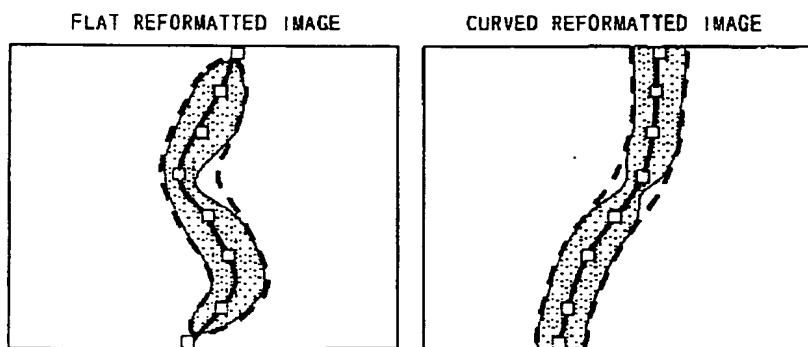
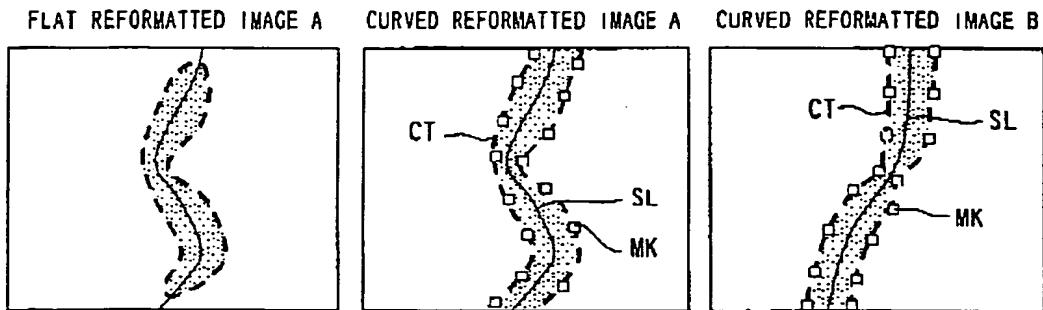
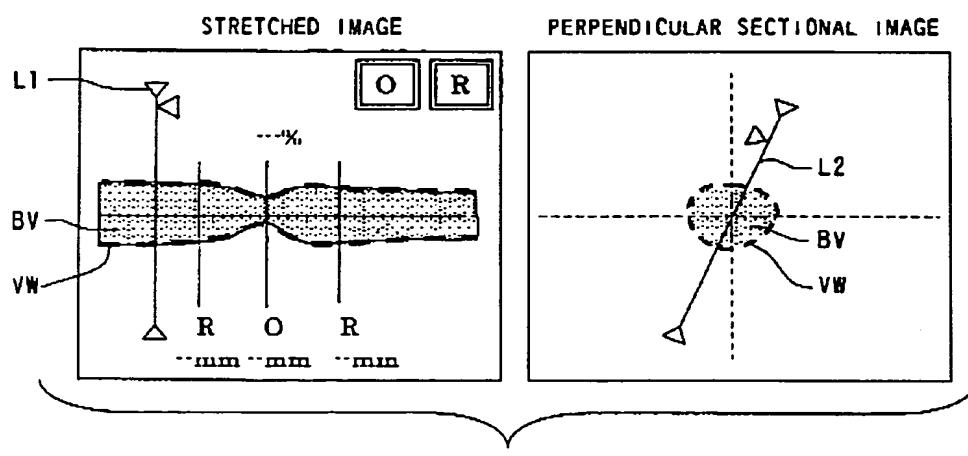
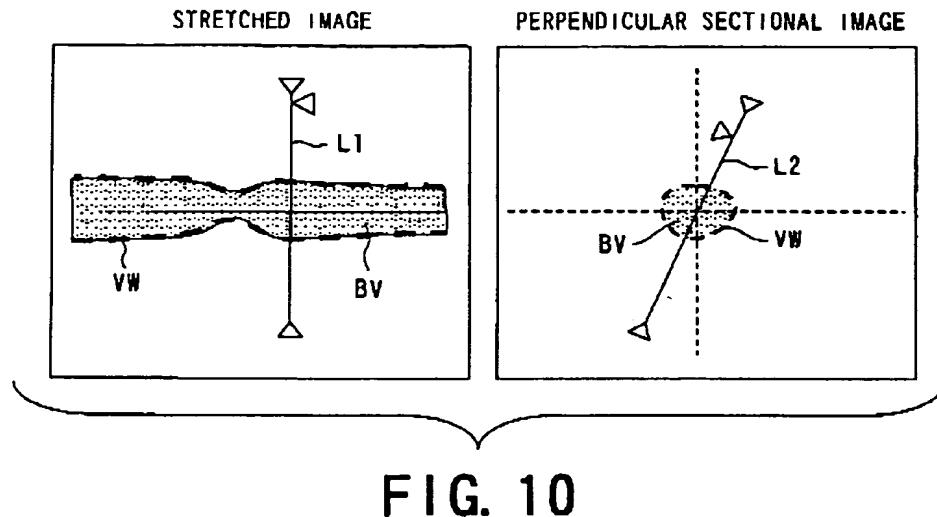


FIG. 7





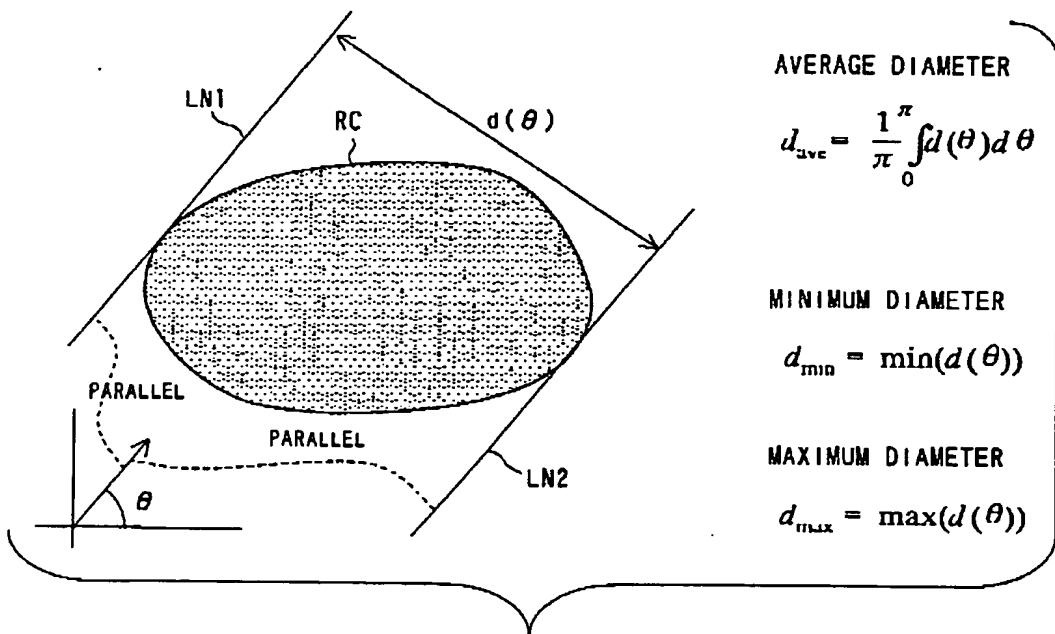


FIG. 12

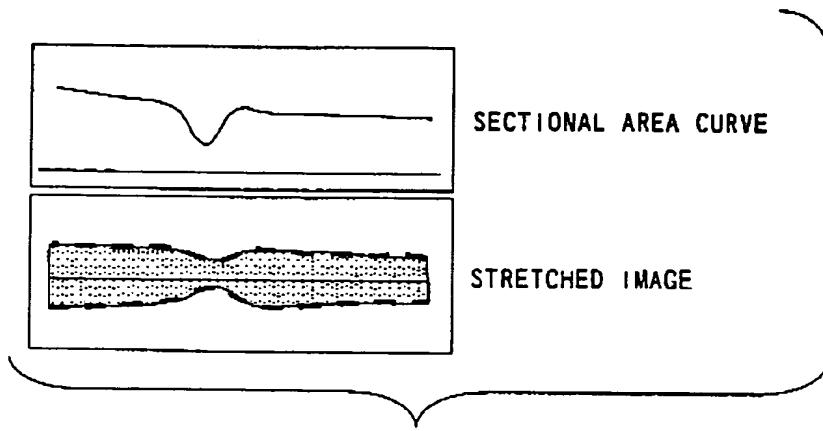
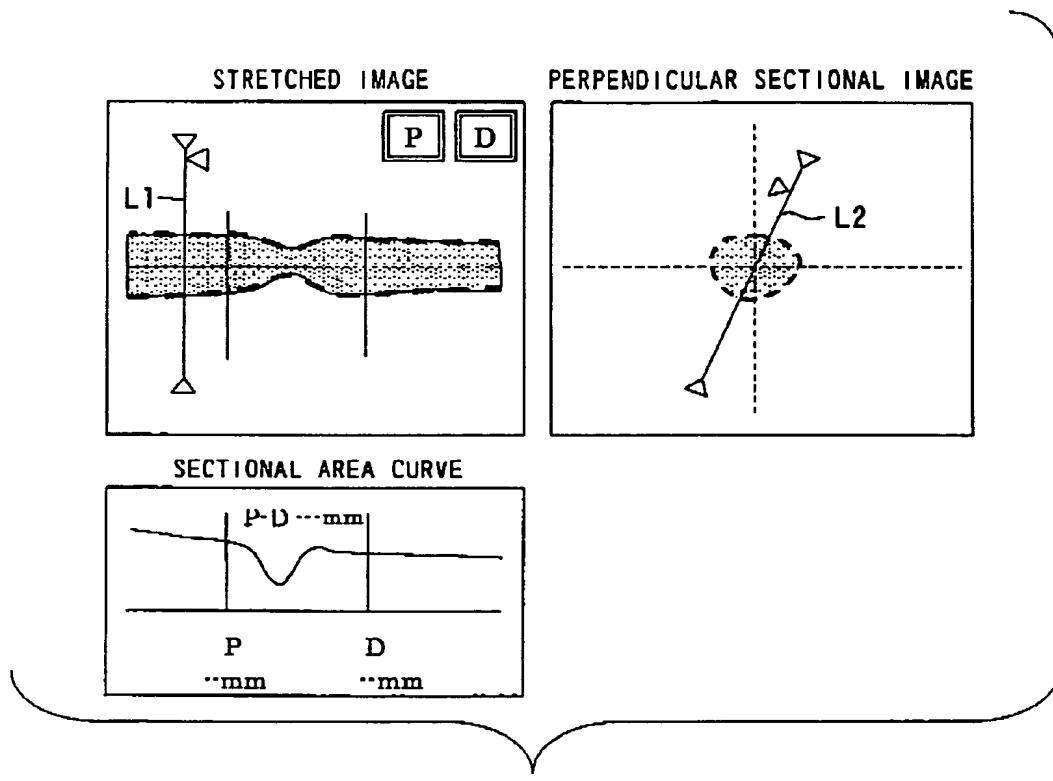


FIG. 13



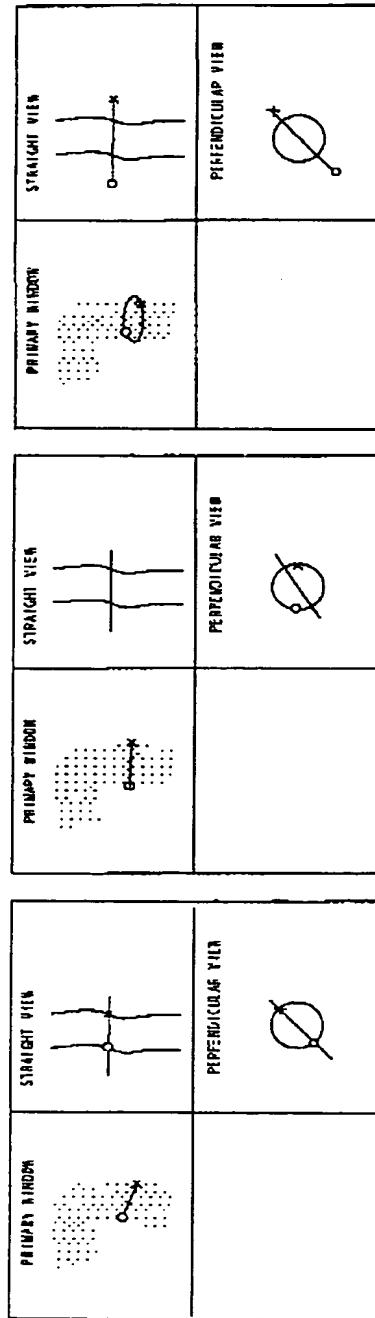


FIG. 15A

FIG. 15B

FIG. 15C

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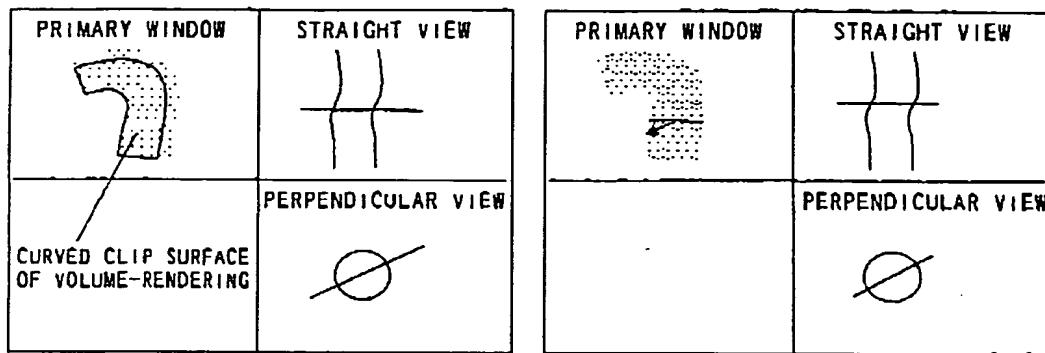


FIG. 16A

FIG. 16B

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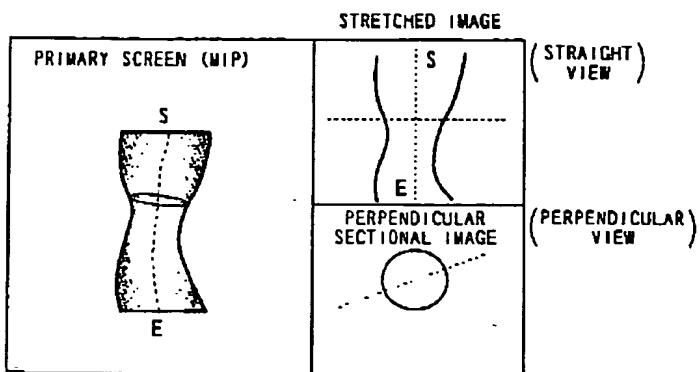


FIG. 17

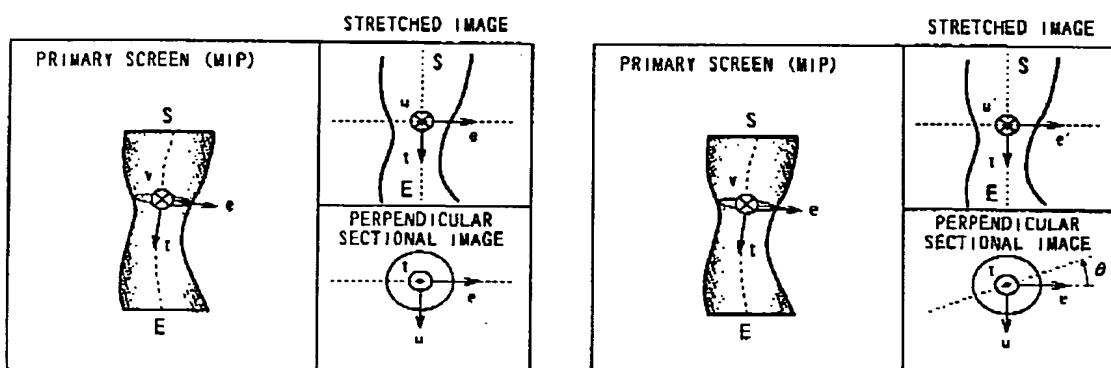


FIG. 18A

FIG. 18B

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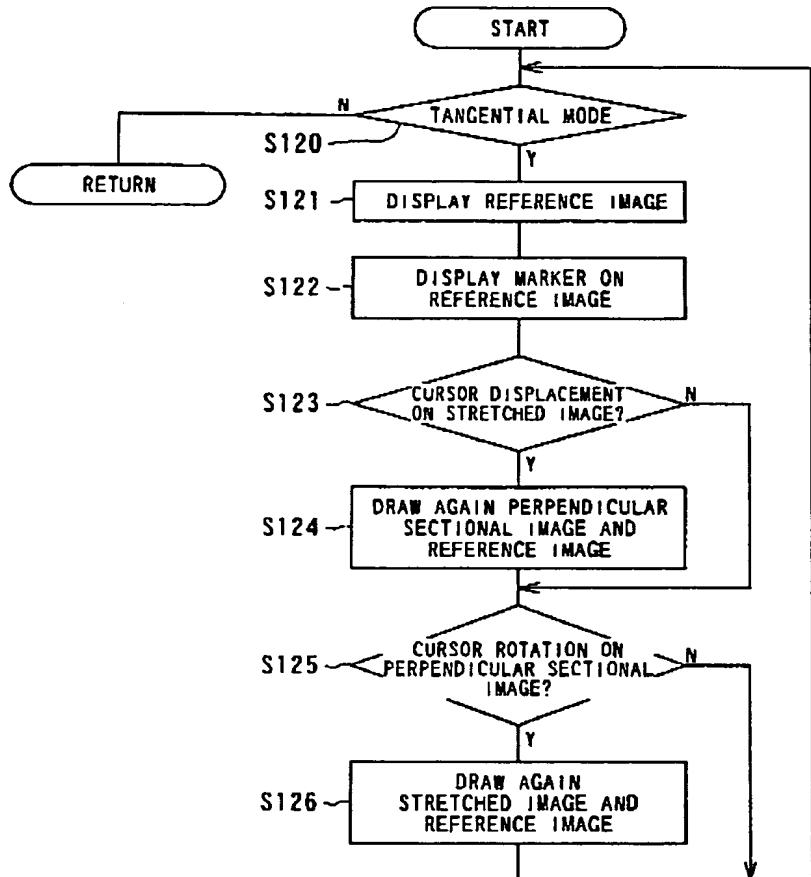


FIG. 19

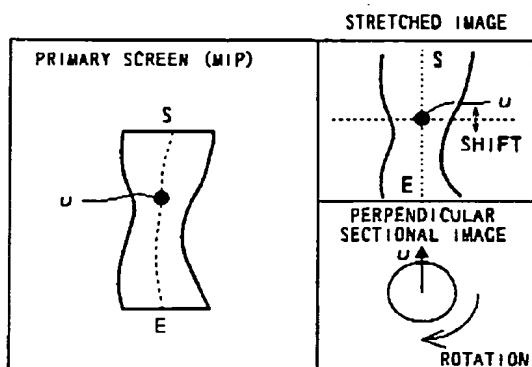


FIG. 20

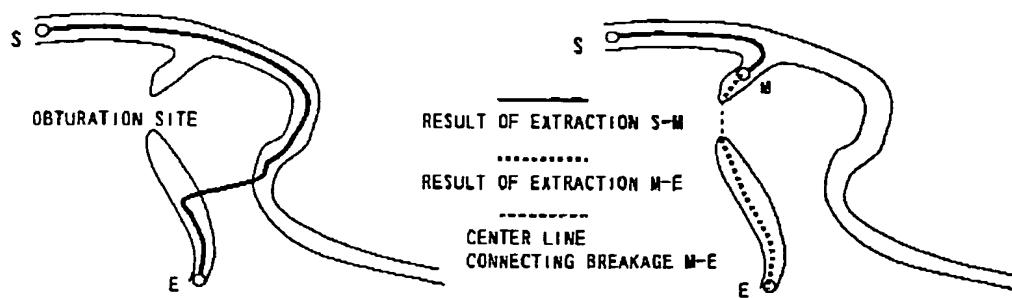


FIG. 21A

FIG. 21B

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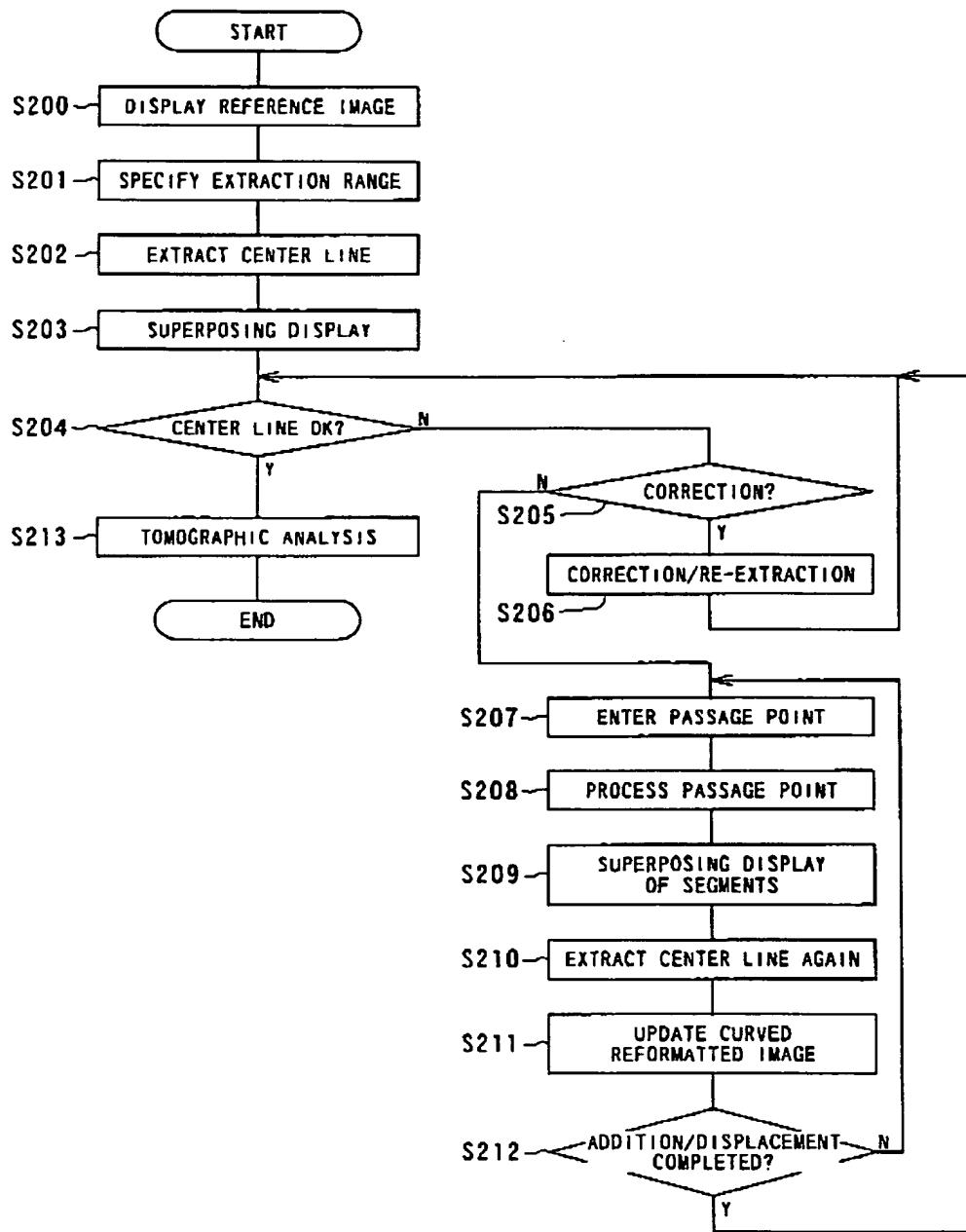
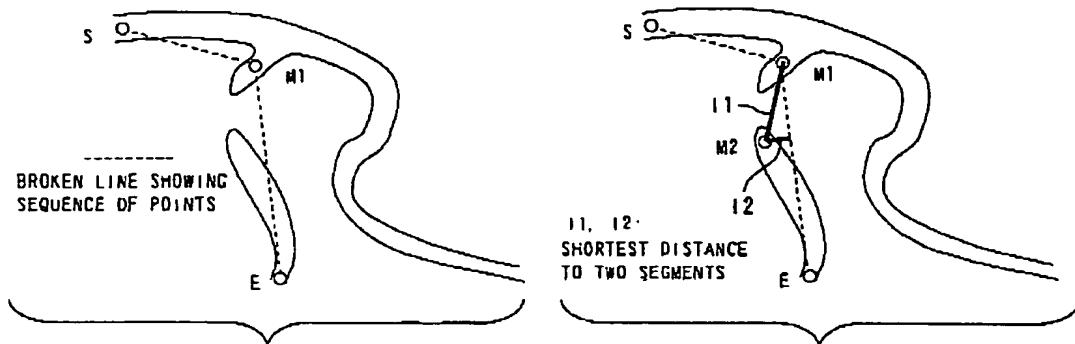


FIG. 22



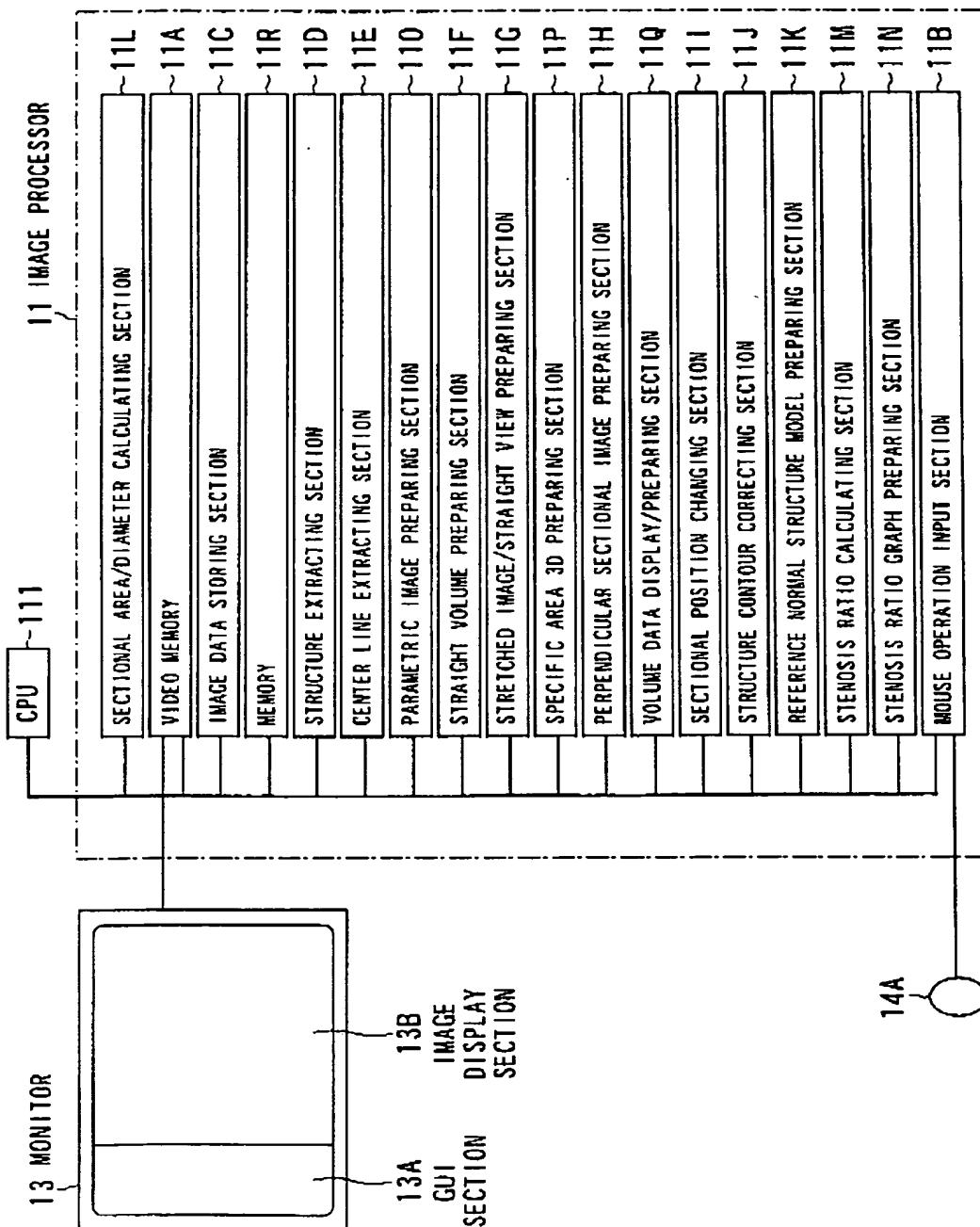
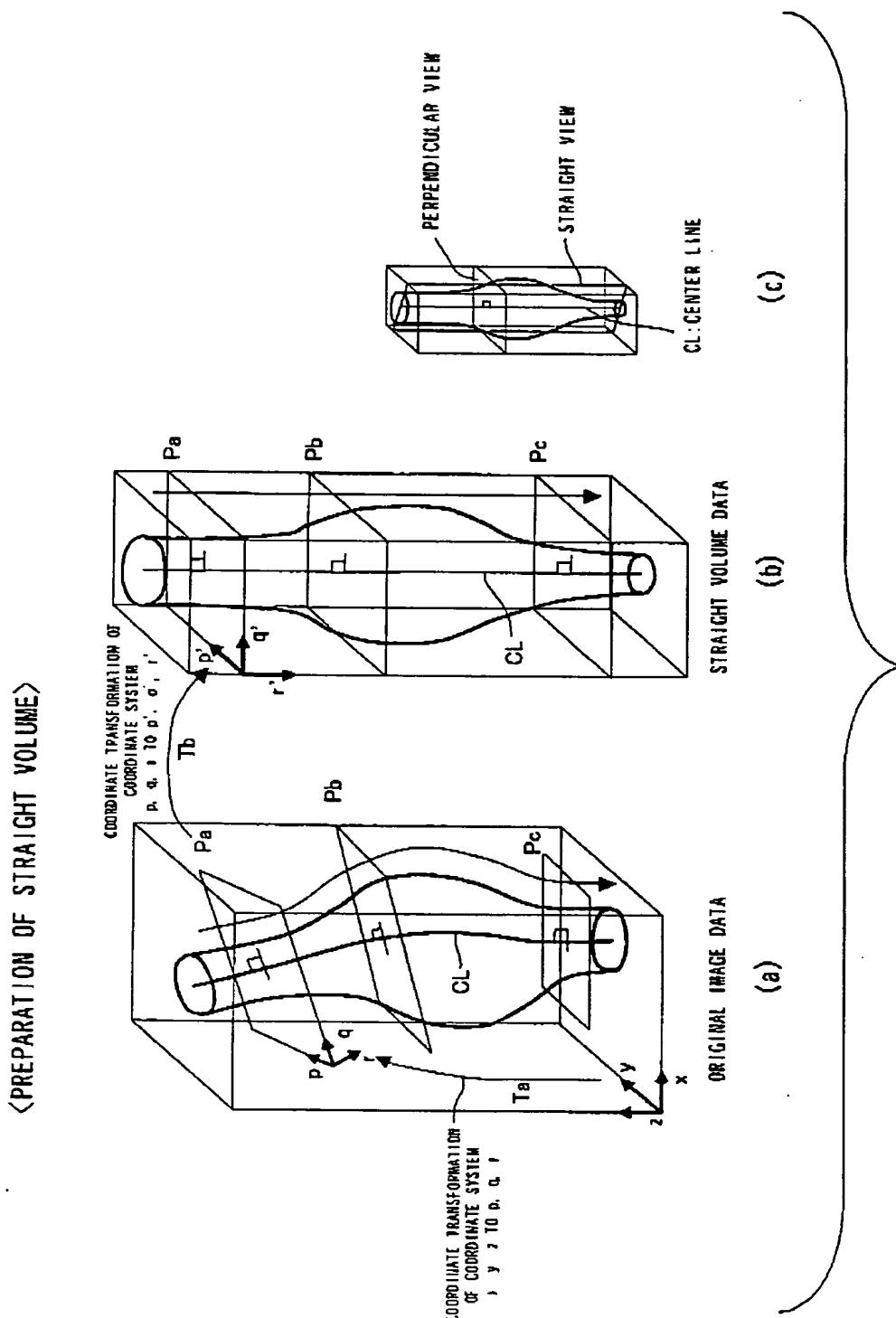


FIG. 24



**FIG. 25**

<CHANGING SECTIONAL POSITION OF STRAIGHT VIEW AND PERPENDICULAR VIEW>

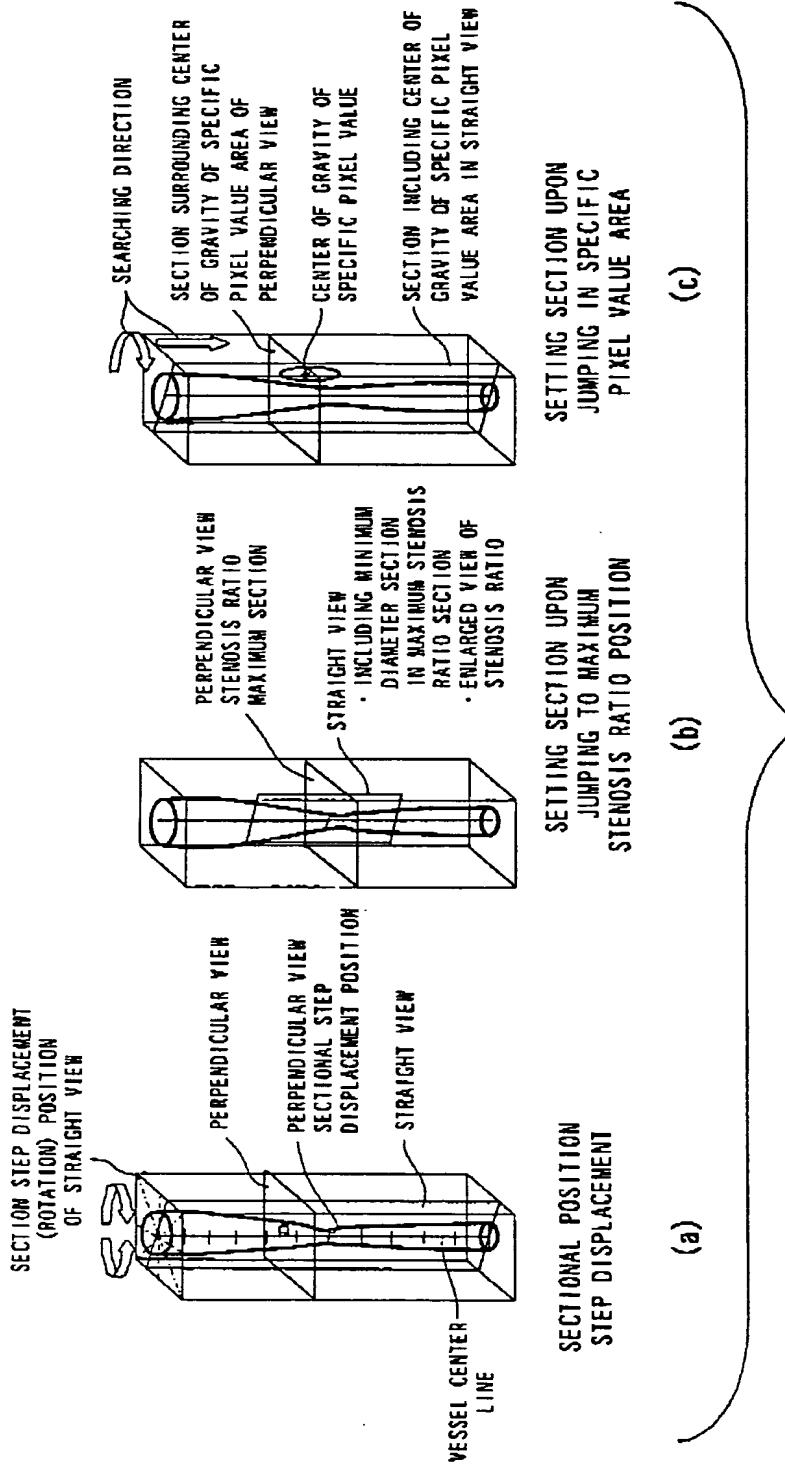


FIG. 26

<CORRECTION OF EXTRACTED CONTOUR OF TUBULAR STRUCTURE>

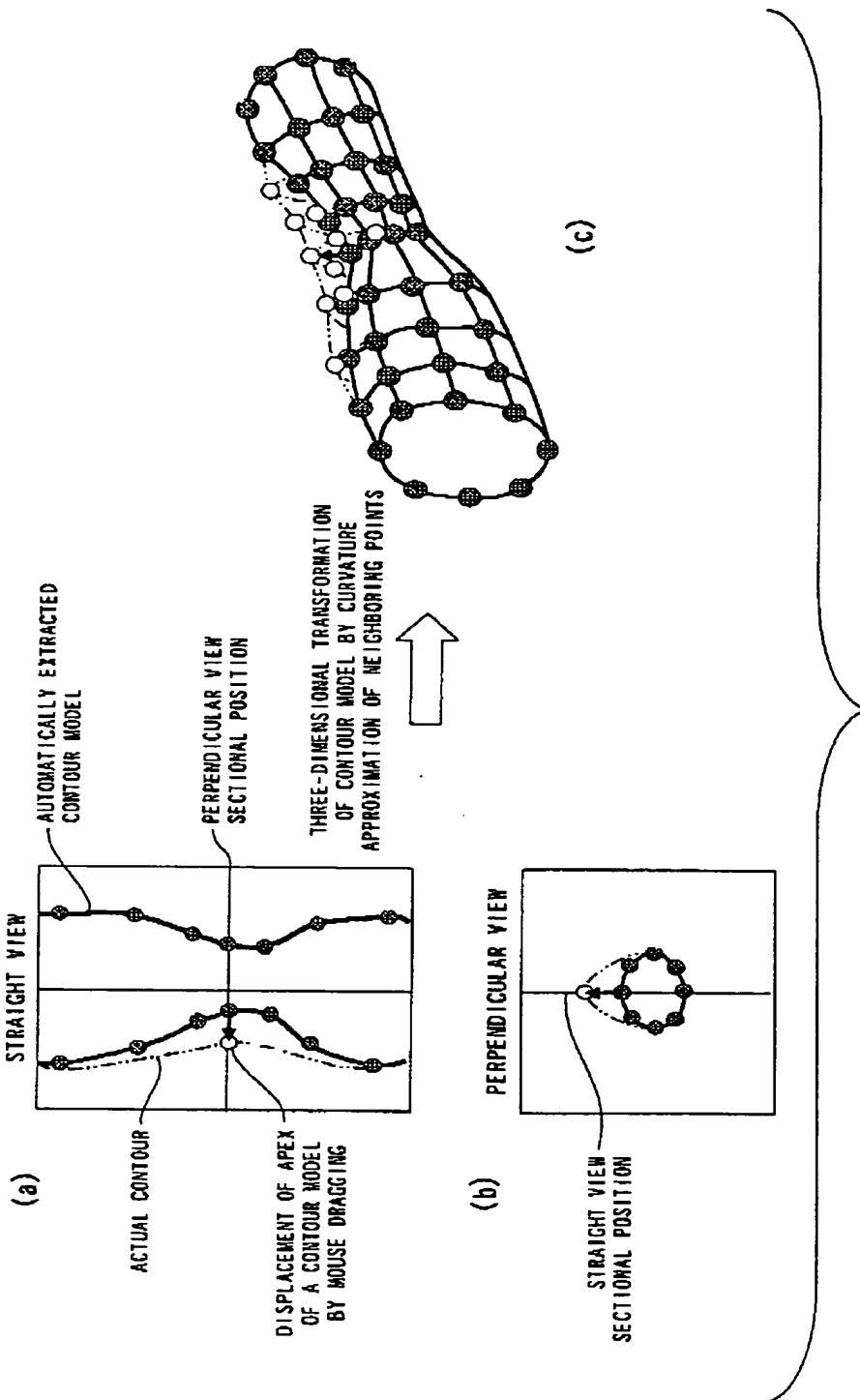
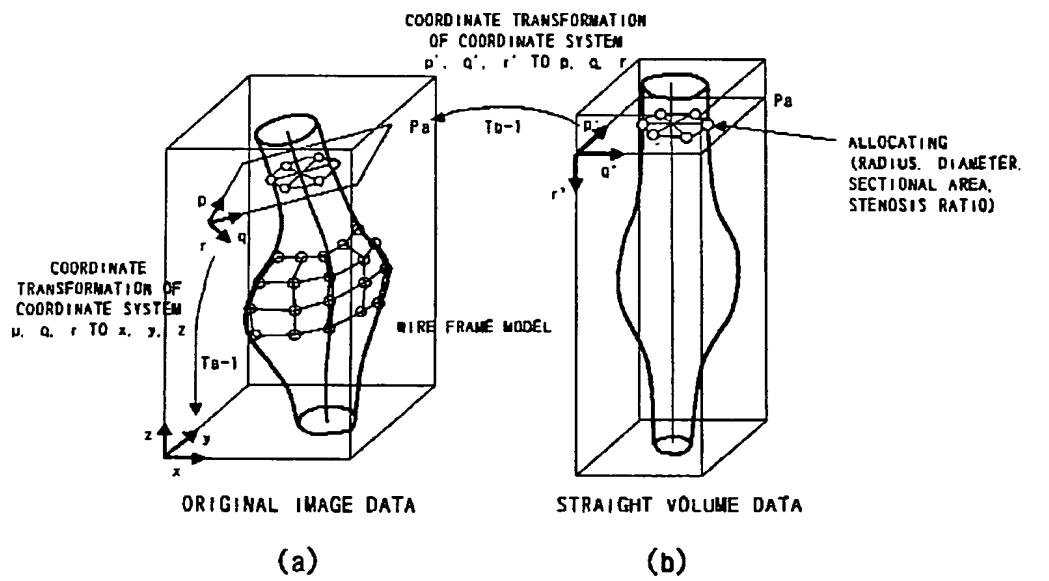
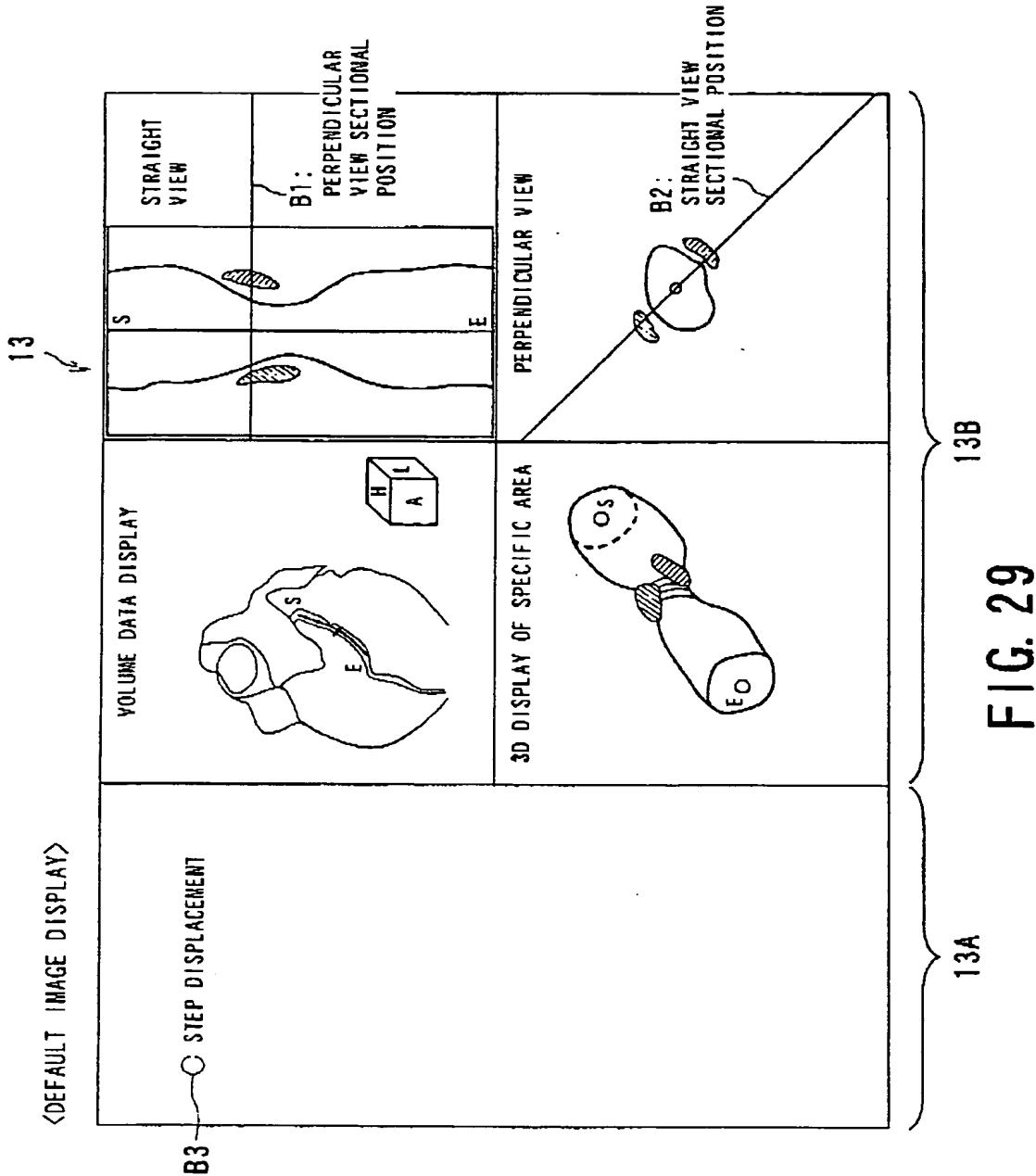


FIG. 27

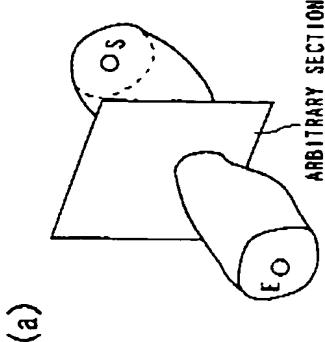
**<PREPARATION OF PARAMETRIC IMAGE>**



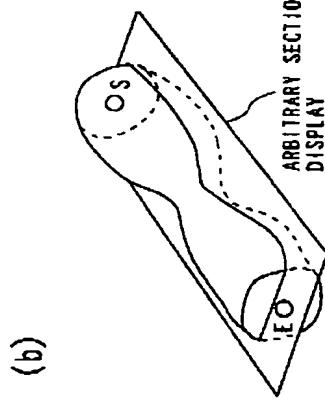
**FIG. 28**



## <3D IMAGE DISPLAY OF SPECIFIC AREA>

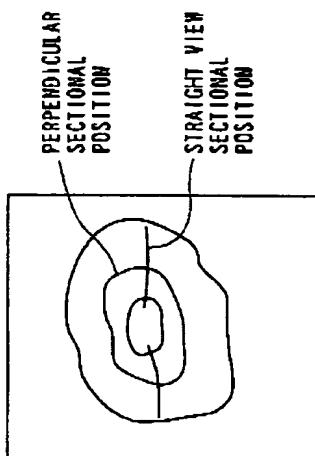


(a) (b)

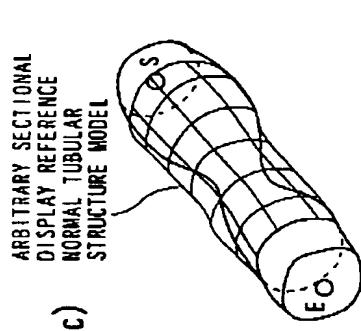


8

DISPLAY MADE ON ASSUMPTION THAT THE ARBITRARY SECTIONAL DISPLAY (MPR) SURFACE IS THE SAME AS PERPENDICULAR VIEW

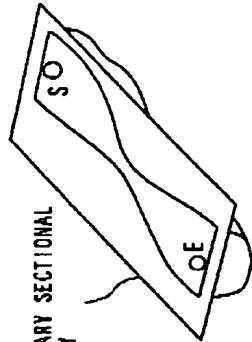


三



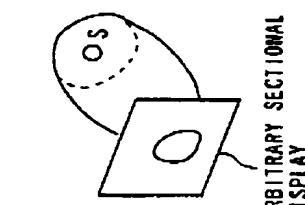
3

#### REFERENCE NORMAL TUBULAR STRUCTURE FUSION DISPLAY



3

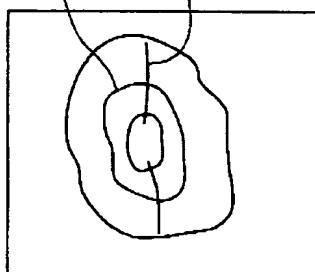
DISPLAY MADE ON ASSUMPTION THAT ARBITRARY SECTIONAL DISPLAY (NPR) SURFACE IS PERPENDICULAR TO THE FRONT SURFACE OF PERPENDICULAR VIEW AND THE LINE OF INTERSECTION WITH PERPENDICULAR VIEW IS THE SAME AS THAT WITH STRAIGHT VIEW



2

PERPENDICULAR  
SECTIONAL  
POSITION

Straight View  
Sectional Position



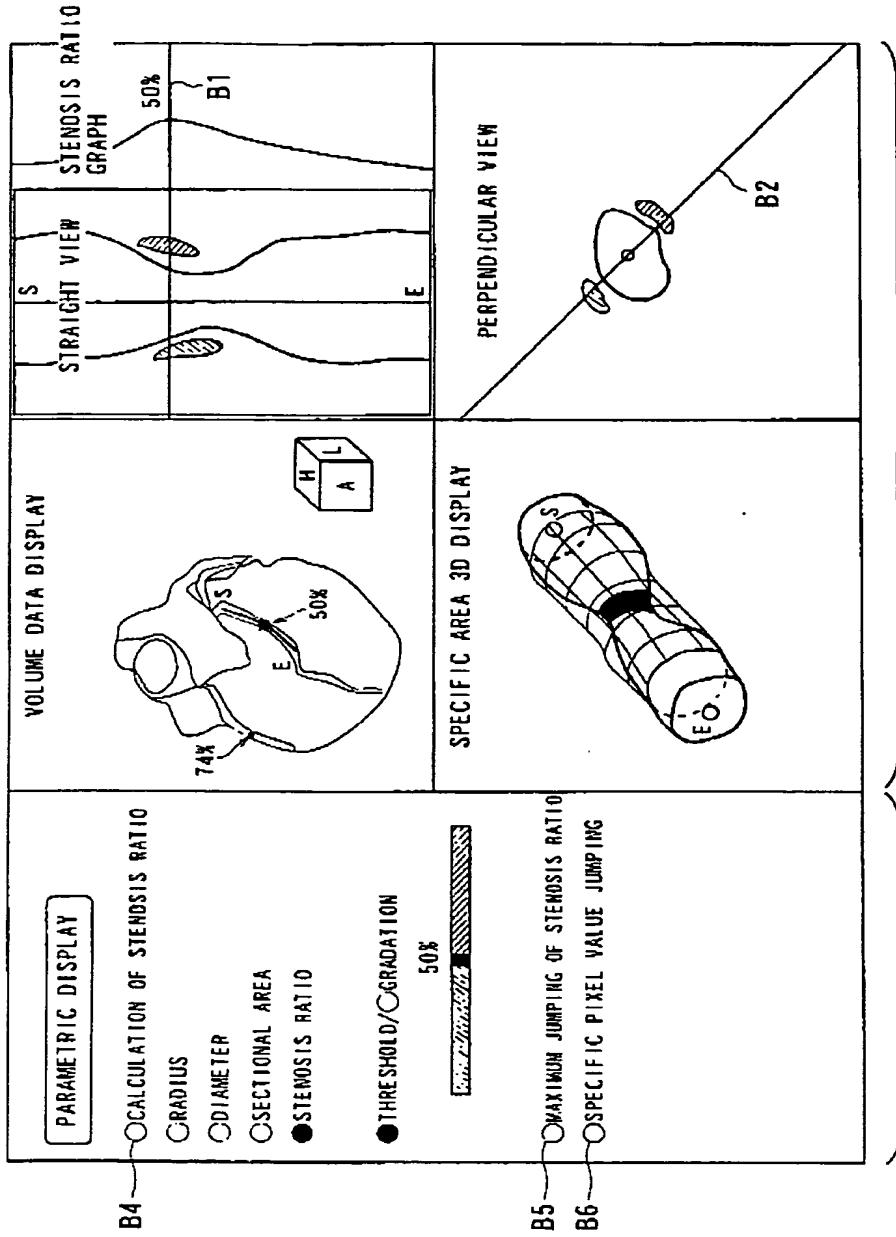
## FLY-THROUGH DISPLAY

## FRONT CLIP DISPLAY

EIG 30

13

## 〈VOLUME DATA DISPLAY AND PARAMETRIC DISPLAY IN SPECIFIC AREA 3D DISPLAY〉



13

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三一  
五  
上

<PREPARATION OF HYPOTHETICAL NORMAL TUBULAR STRUCTURE MODEL>

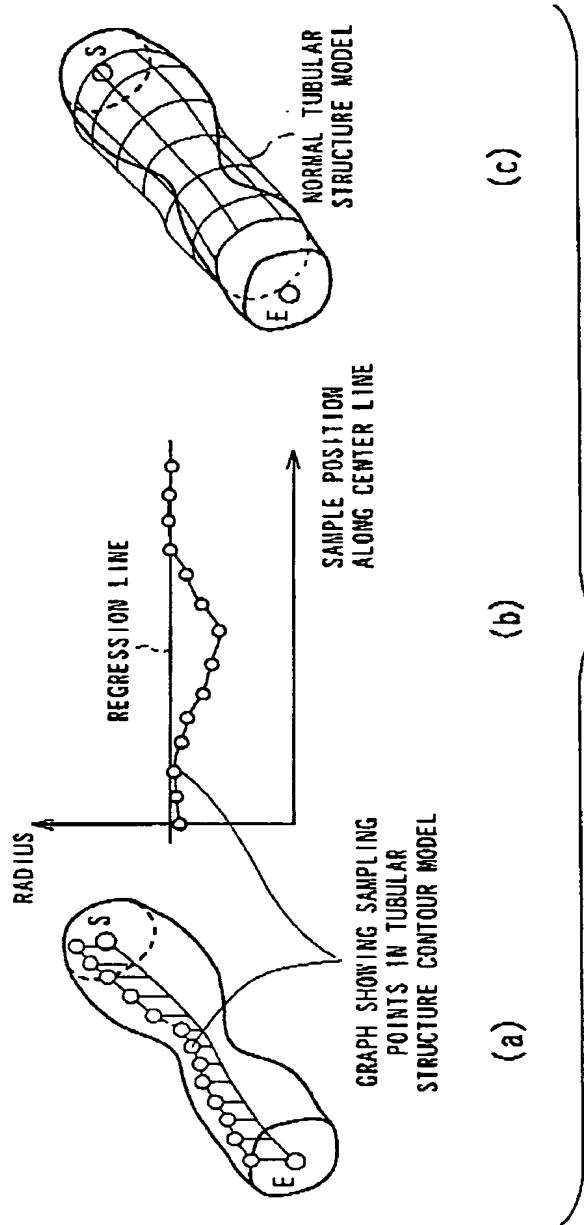


FIG. 32

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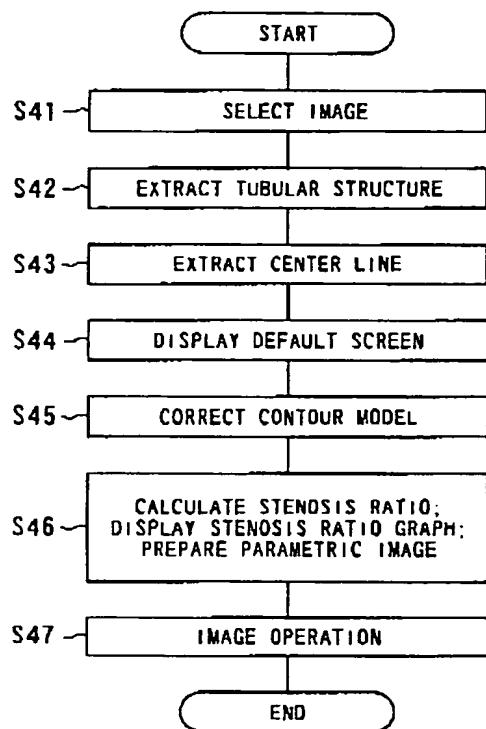


FIG. 33

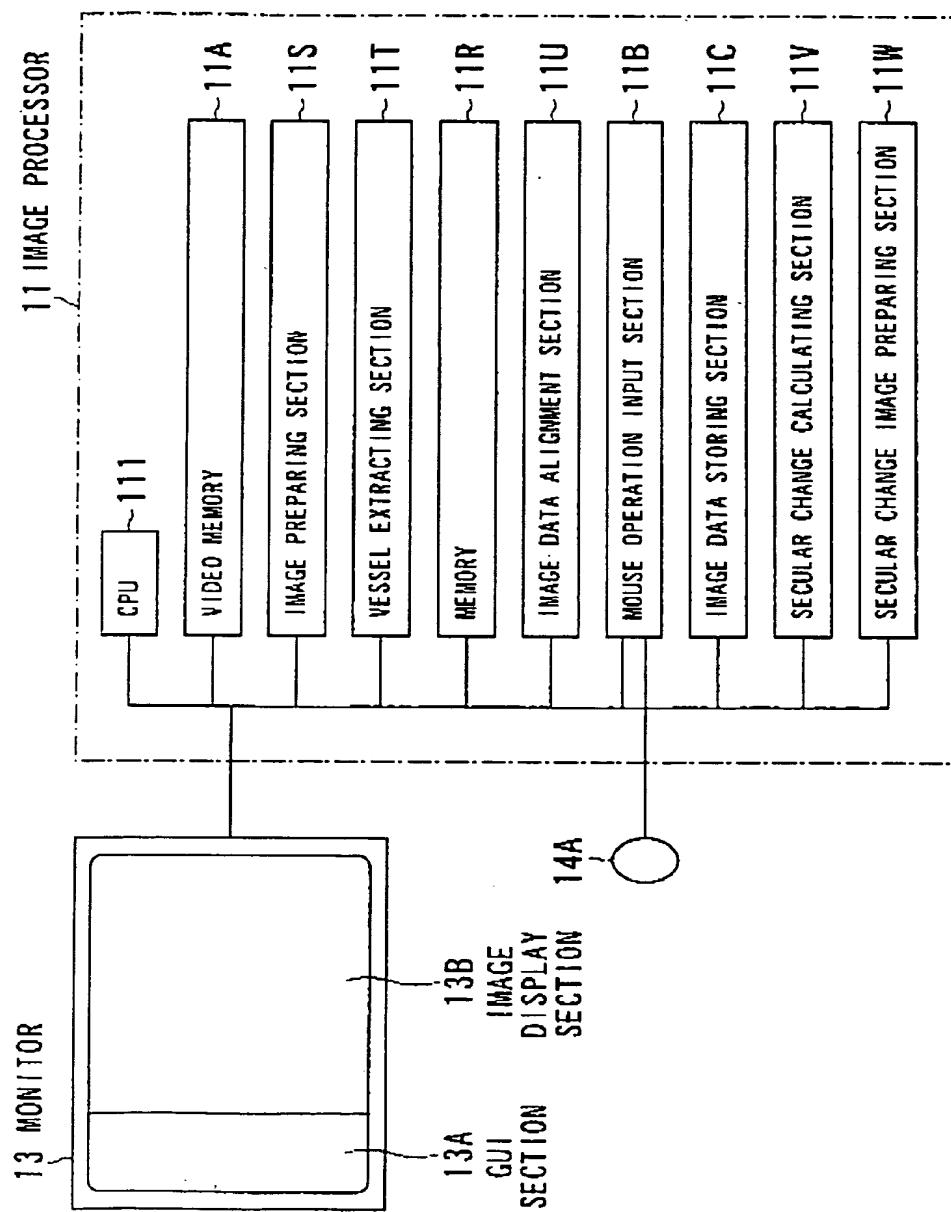
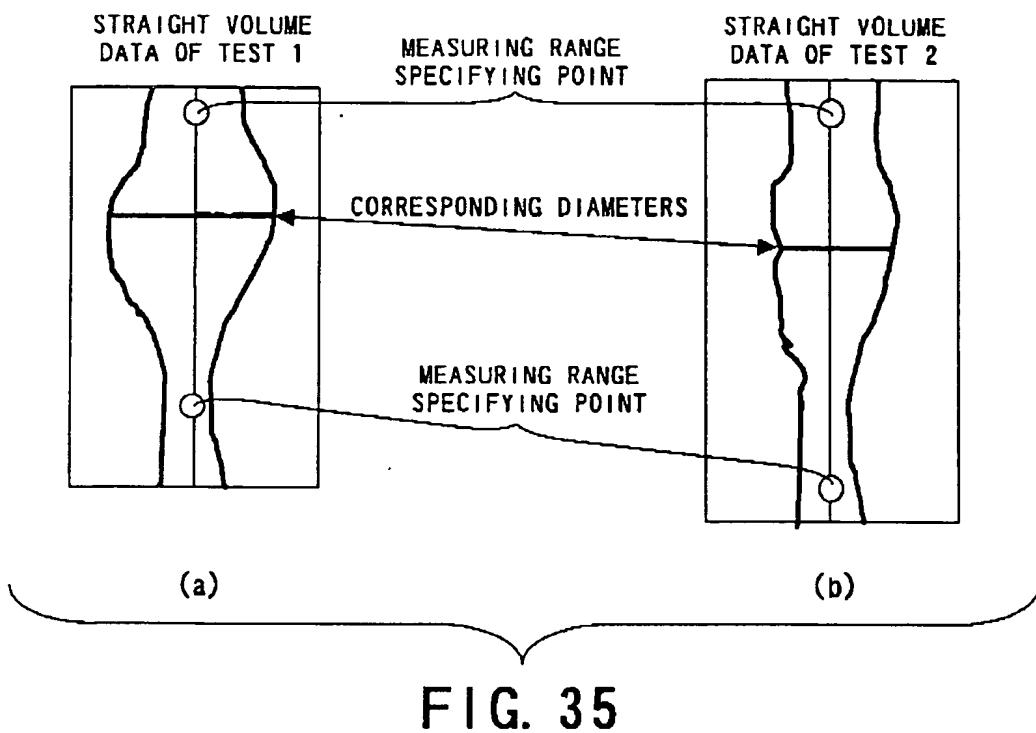
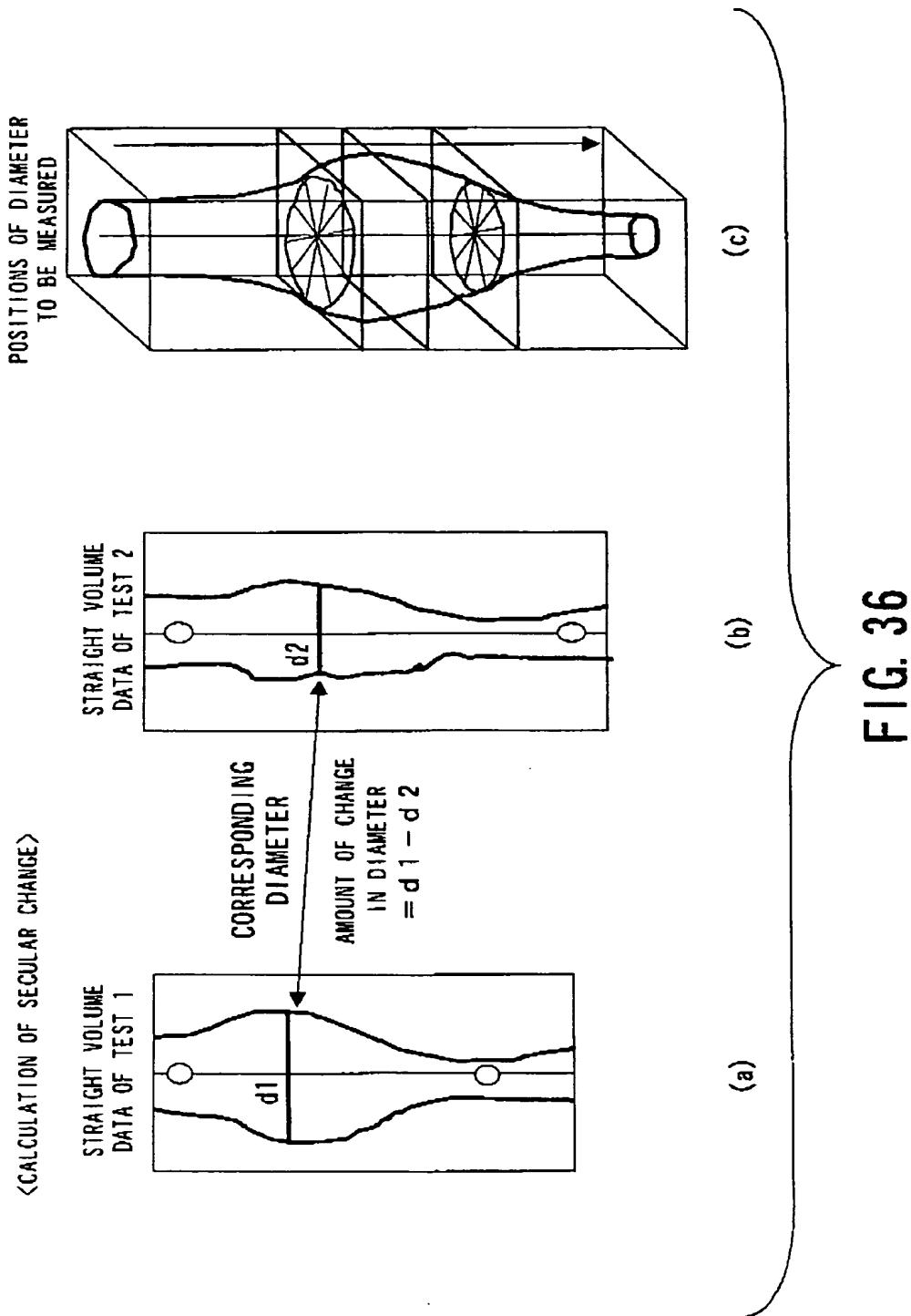


FIG. 34

<ALIGNMENT PROCESSING>





<PREPARATION OF SECULAR CHANGE IMAGE>

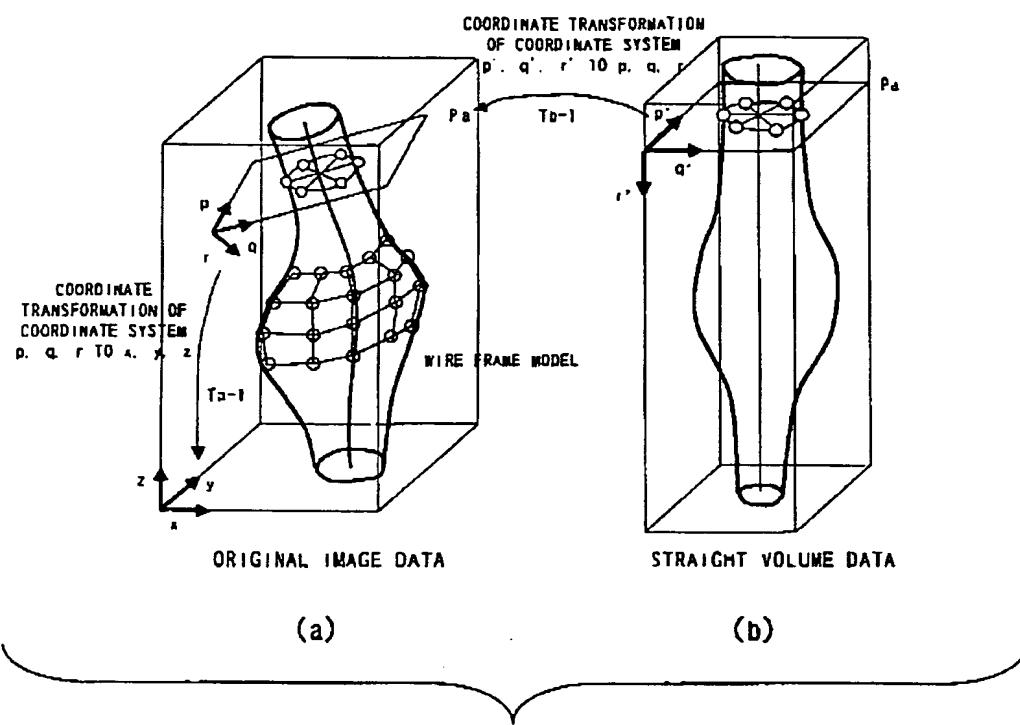


FIG. 37

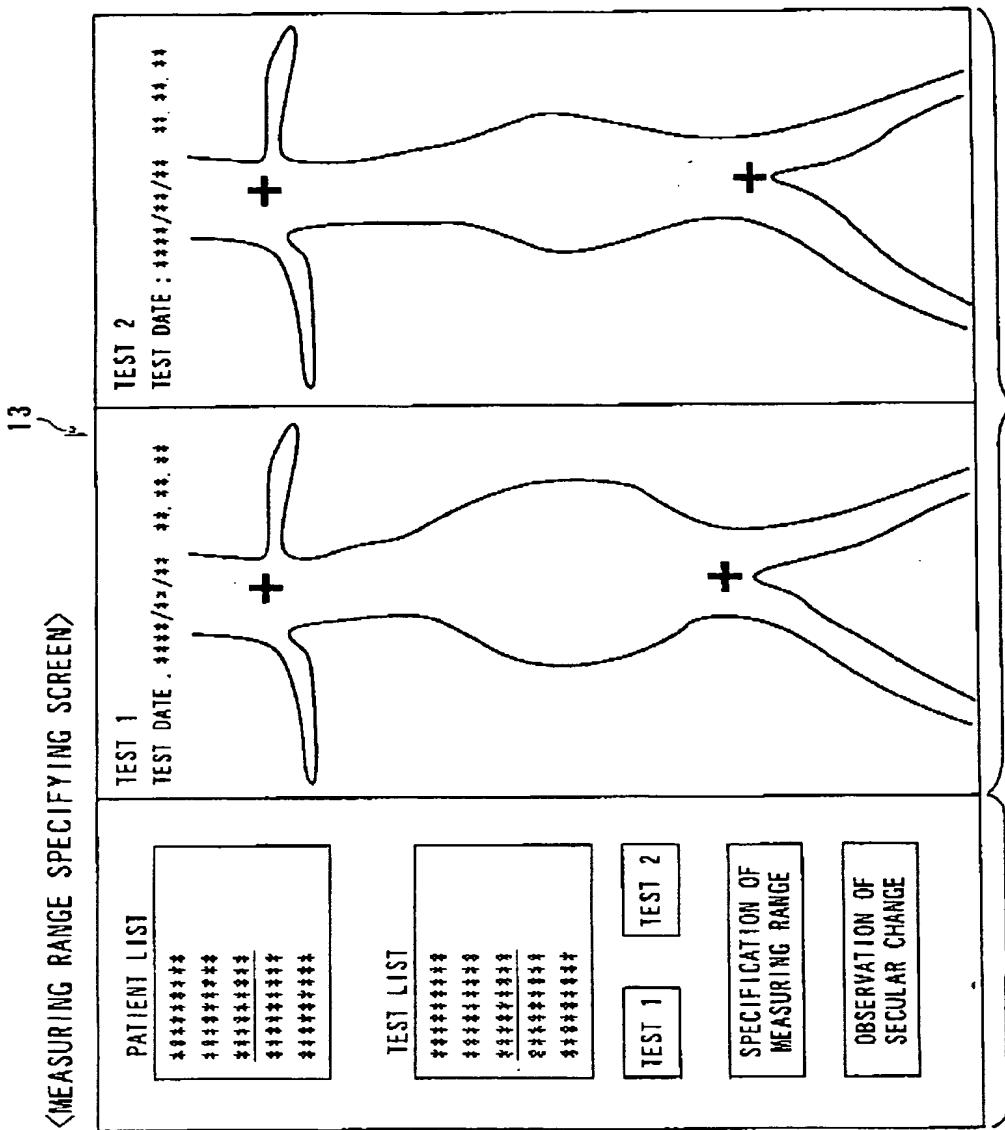
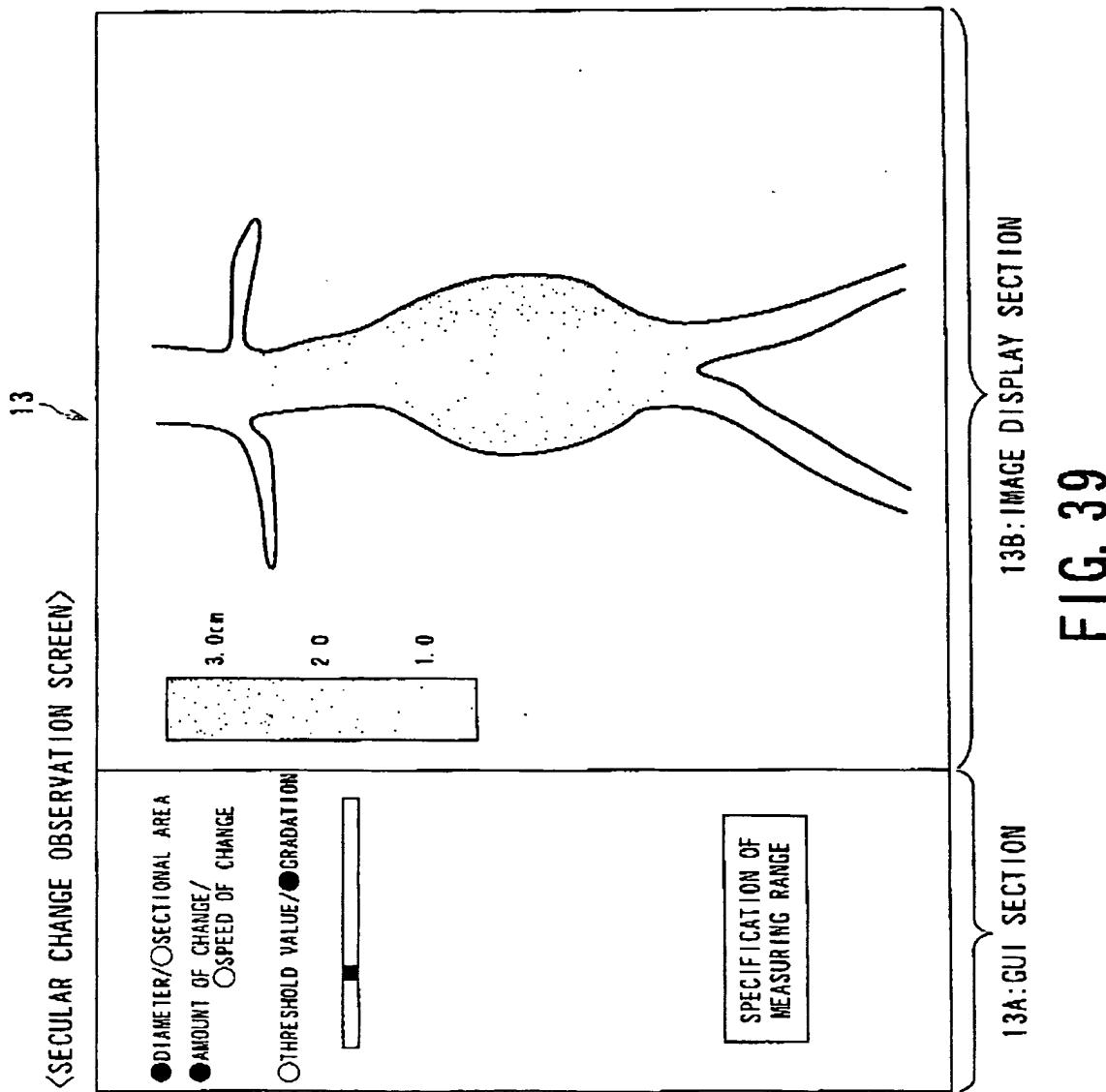


FIG. 38



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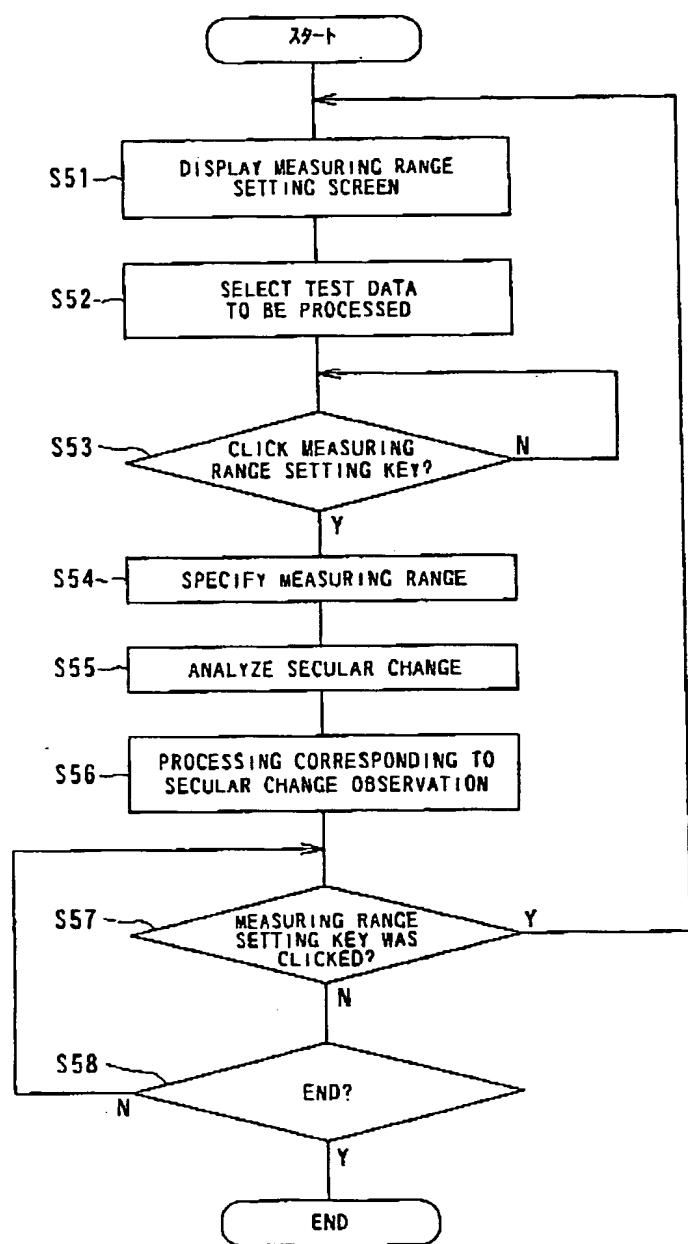


FIG. 40